



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 01-661-A)

In re Application of:

Mirkin, et al.

Examiner: T. Strzelecka

Serial No. 10/034,451

Group Art Unit: 1637

Filed: December 28, 2001

Confirmation No.: 9317

For: Non-Alloying Core Shell Nanoparticles

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TWELFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In order to comply with discretionary regulations 37 CFR §§1.97 and 1.98, attached hereto is Form PTO-1449, copies¹ of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent.

1. Oldenburg, et al., U.S. Patent No. 6,344,272 B1, issued on 02-05-2002.
2. West, et al., U.S. Patent No. 6,428,811 B1, issued on 08-06-2002.
3. West, et al., U.S. Patent No. 6,530,944 B2, issued on 03-11-2003.

¹To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the file of a parent application. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited, then none is known to undersigned.

4. Natan, et al., U.S. Patent No. 6,579,721 B1, issued 06-17-2003.
5. West, et al., U.S. Patent No. 6,645,517 B2, issued 11-11-2003.
6. Halas, et al., U.S. Patent No. 6,660,381 B2, issued 12-09-2003.
7. West, et al., U.S. Patent No. 6,685,730 B2, issued 02-03-2004.
8. Oldenburg, et al., U.S. Patent No. 6,685,986 B2, issued 02-03-2004.
9. West, et al., U.S. Patent No. 6,699,724 B1, issued 03-02-2004.
10. Halas, et al., U.S. Patent No. 6,778,316 B2, issued 08-17-2004.
11. Halas, et al., U.S. Patent No. 6,852,252 B2, issued 02-08-2005.
12. Moran, et al., U.S. Patent No. 6,875,475 B2, issued 04-05-2005.

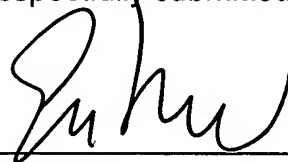
In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 insofar as an Examiner might consider any of the cited documents important in deciding whether to allow the application to issue as a patent, but the citation of each

document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Emily Miao', written over a horizontal line.

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Dated: June 21, 2005

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Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

Serial No.

01-661-A

10/034,451

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Applicant: Mirkin, et al.

Filing Date:
December 28, 2001

Group: 1637

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	1.	6,344,272 B1	02-05-2002	Oldenburg, et al.	428	403	03-11-1998
	2.	6,428,811 B1	08-06-2002	West, et al.	424	497	07-14-2000
	3.	6,530,944 B2	03-11-2003	West, et al.	607	88	02-08-2001
	4.	6,579,721 B1	06-17-2003	Natan, et al.	436	164	11-13-2000
	5.	6,645,517 B2	11-11-2003	West, et al.	424	422	06-05-2002
	6.	6,660,381 B2	12-09-2003	Halas, et al.	428	403	11-05-2001
	7.	6,685,730 B2	02-03-2004	West, et al.	607	89	09-25-2002
	8.	6,685,986 B2	02-03-2004	Oldenburg, et al.	427	214	01-05-2001
	9.	6,699,724 B1	03-02-2004	West, et al.	436	525	07-14-2000
	10.	6,778,316 B2	08-17-2004	Halas, et al.	359	296	10-24-2002
	11.	6,852,252 B2	02-08-2005	Halas, et al.	252	582	04-06-2001
	12.	6,875,475 B2	04-05-2005	Moran, et al.	427	437	04-01-2003

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.